

## ABSTRACT

## Fibre-Optic Connector

An optical fibre connector comprises a housing and an internal core member defining a channel means for receiving an optical fibre, a chamber for receiving a quantity of curable adhesive being in communication with the channel means, the connector including plunger means to reduce the volume of the chamber, whereby adhesive contained in the chamber in use is urged around an optical fibre disposed in the channel before the adhesive cures. The connector may include a ferrule at the front end, the ferrule carrying an optical fibre as a stub having a distal end flush with the front face of the ferrule and a proximal end extending from the rear face of the ferrule and terminating in an alignment tube coaxial with the channel means of the internal core member.

(Fig. 1)

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